

40. In column A on chart IV, LECs must provide, for each collocation function identified at the top of chart IV, the same information that they must provide in column A on chart III for the same function.<sup>7</sup>

41. In column P on chart IV, for each collocation function, LECs must indicate the annual depreciation direct cost factor<sup>8</sup> for each investment item identified below each recurring rate element in column A on chart IV.<sup>9</sup>

42. In column Q on chart IV, for each collocation function, LECs must indicate the annual direct cost of money factor for each investment item identified below each recurring rate element in column A on chart IV.

43. In column R on chart IV, for each collocation function, LECs must indicate the annual federal income tax direct cost factor for each investment item identified below each recurring rate element in column A on chart IV.

44. In column S on chart IV, for each collocation function, LECs must indicate the annual state and local income tax direct cost factor for each investment item identified below each recurring rate element in column A on chart IV.

45. In column T on chart IV, for each collocation function, LECs must indicate the annual tax direct cost factor for taxes other than federal and state income taxes for each investment item identified below each recurring rate element in column A on chart IV.

46. In column U on chart IV, for each collocation function, LECs must indicate the annual maintenance direct cost factor for each investment item identified below each recurring rate element in column A on chart IV.

47. In column V on chart IV, for each collocation function, LECs must indicate the annual administrative direct cost factor for each investment item identified below each recurring rate element in column A on chart IV.

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<sup>7</sup> See para.18 *supra*.

<sup>8</sup> We use the acronym ACF to represent annual direct cost factor on the TRP charts.

<sup>9</sup> Annual direct cost factors apply to the development of recurring rates and generally do not apply to the development of nonrecurring rates. An annual direct cost factor is the ratio of the annual recurring direct cost for a particular cost category (*e.g.*, maintenance) to the investment amount for a particular asset (*e.g.*, a DSX panel) or asset category (*e.g.*, digital circuit equipment). The annual direct cost factor for a particular cost category multiplied by the investment amount for a particular asset yields the annual recurring direct cost for the particular cost category relative to the particular asset. Recurring direct costs are generally recovered by recurring rates and are not generally recovered by nonrecurring rates.

48. In column W on chart IV, for each collocation function, LECs must indicate the annual direct cost factor they use to develop direct costs other than those for which annual direct cost factors are identified in columns P through V on chart IV for each investment item identified below each recurring rate element in column A on chart IV.

49. In column X on chart IV, for each collocation function, LECs must indicate the direct annual unit depreciation expense associated with each investment item identified below each recurring rate element in column A on chart IV. LECs must calculate this depreciation expense by multiplying the annual depreciation direct cost factor in column P on chart IV for each investment item identified below each recurring rate in column A on chart IV by the corresponding total installed unit capacity investment amount in column O on chart III.

50. On rows 7, 15, and 23 in column X on chart IV, for each collocation function, LECs must indicate the total direct annual unit depreciation expense separately for each recurring rate element identified in column A on chart IV. LECs must calculate this amount by adding the annual unit depreciation expenses in column X on chart IV for the investment items identified under each recurring rate element in column A on chart IV.

51. In column Y on chart IV, for each collocation function, LECs must indicate the direct annual dollar cost of money per unit associated with each investment item identified below each recurring rate element in column A on chart IV. LECs must calculate this dollar cost of money by multiplying the annual direct dollar cost of money factor in column Q on chart IV for each investment item identified below each recurring rate element in column A on chart IV by the corresponding total installed unit capacity investment amount in column O on chart III.

52. On rows 7, 15, and 23 in column Y on chart IV, for each collocation function, LECs must indicate the total direct annual dollar cost of money per unit dollar cost of money separately for each recurring rate element identified in column A on chart IV. LECs must calculate this amount by adding the direct annual dollar costs of money per unit in column Y on chart IV for the investment items identified under each recurring rate element in column A on chart IV.

53. In column Z on chart IV, for each collocation function, LECs must indicate the direct annual unit federal income tax expense associated with each investment item identified below each recurring rate element in column A on chart IV. LECs must calculate this federal income tax expense by multiplying the annual federal income tax direct cost factor in column R on chart IV for each investment item identified below each recurring rate element in column A on chart IV by the corresponding total installed unit capacity investment amount in column O on chart III.

54. On rows 7, 15, and 23 in column Z on chart IV, for each collocation function, LECs must indicate separately the total direct annual unit federal income tax expense for

each recurring rate element identified in column A on chart IV. LECs must calculate this amount by adding the direct annual unit federal income tax expenses in column Z on chart IV for the investment items identified under each recurring rate element in column A on chart IV.

55. In column AA on chart IV, for each collocation function, LECs must indicate the direct annual unit state and local income tax expense associated with each investment item identified below each recurring rate element in column A on chart IV. LECs must calculate this federal income tax expense by multiplying the annual state and local income tax direct cost factor in column S on chart IV for each investment item identified below each recurring rate element in column A on chart IV by the corresponding total installed unit capacity investment amount in column O on chart III.

56. On rows 7, 15, and 23 in column AA on chart IV, for each collocation function, LECs must indicate separately the total direct annual unit state and local income tax expense for each recurring rate element identified in column A on chart IV. LECs must calculate this amount by adding the direct annual unit state and local income tax expenses in column AA on chart IV for the investment items identified under each recurring rate element in column A on chart IV.

57. In column BB on chart IV, for each collocation function, LECs must indicate the direct annual unit other tax expense associated with each investment item identified below each recurring rate element in column A on chart IV. LECs must calculate this other tax expense by multiplying the annual other tax direct cost factor in column T on chart IV for each investment item identified below each recurring rate element in column A on chart IV by the corresponding total installed unit capacity investment amount in column O on chart III.

58. On rows 7, 15, and 23 in column BB on chart IV, for each collocation function, LECs must indicate the total direct annual unit other tax expense separately for each recurring rate element identified in column A on chart IV. LECs must calculate this amount by summing the direct annual unit other tax expenses in column BB on chart IV for the investment items identified under each recurring rate element in column A on chart IV.

59. In column CC on chart IV, for each collocation function, LECs must indicate the direct annual unit maintenance expense associated with each investment item identified below each recurring rate element in column A on chart IV. LECs must calculate this maintenance expense by multiplying the annual maintenance direct cost factor in column U on chart IV for each investment item identified below each recurring rate element in column A on chart IV by the corresponding total installed unit capacity investment amount in column O on chart III.

60. On rows 7, 15, and 23 in column CC on chart IV, for each collocation function, LECs must indicate separately the total direct annual unit maintenance expense for

each recurring rate element identified in column A on chart IV. LECs must calculate this amount by adding the direct annual unit maintenance expenses in column CC on chart IV for the investment items identified under each recurring rate element in column A on chart IV.

61. In column DD on chart IV, for each collocation function, LECs must indicate the direct annual unit administrative expense associated with each investment item identified below each recurring rate element in column A on chart IV. LECs must calculate this administrative expense by multiplying the annual administrative direct cost factor in column V on chart IV for each investment item identified below each recurring rate element in column A on chart IV by the corresponding total installed unit capacity investment amount in column O on chart III.

62. On rows 7, 15, and 23 in column DD on chart IV, for each collocation function, LECs must indicate separately the total direct annual unit administrative expense for each recurring rate element identified in column A on chart IV. LECs must calculate this amount by adding the direct annual unit administrative expenses in column DD on chart IV for the investment items identified under each recurring rate element in column A on chart IV.

63. In column EE on chart IV, for each collocation function, LECs must indicate the direct annual unit other expense associated with each investment item identified below each recurring rate element in column A on chart IV. LECs must calculate this other expense by multiplying the annual other direct cost factor in column W on chart IV for each investment item identified in column A on chart IV by the corresponding total installed unit capacity investment amount in column O on chart III.

64. On rows 7, 15, and 23 in column EE on chart IV, for each collocation function, LECs must indicate separately the total direct annual unit other expense for each recurring rate element identified in column A on chart IV. LECs must calculate this amount by adding the direct annual unit other expenses in column EE on chart IV for the investment items identified under each recurring rate element in column A on chart IV.

#### **Chart V in Appendices B and C**

65. Bell Atlantic and Ameritech must submit on chart V, labeled "Physical Collocation Price Out," physical collocation price-out data separately for each of the 14 physical collocation functions. In Appendix B, sample TRP physical collocation price-out charts are set forth for the DS1 entrance facility installation function and the DS1 active security function. LECs must complete physical collocation price-out charts for the 14 physical collocation functions for both DS1 and DS3 physical collocation services using the format illustrated in Appendix B for the DS1 entrance facility installation and DS1 active security functions. Bell Atlantic and PRTC must submit on chart V, labeled "Virtual Collocation Price Out," virtual collocation price-out data separately for each of the seven virtual collocation functions. In Appendix C, sample virtual collocation price-out TRP charts

are set forth for the DS1 provisioning function and the DS1 technician training function. LECs must complete virtual collocation price-out charts for the seven virtual collocation functions for both DS1 and DS3 virtual collocation services using the format illustrated in Appendix C for the DS1 provisioning and DS1 technician training functions.

66. The functions identified on the physical and virtual collocation charts differ to reflect differences between physical and virtual collocation services. However, LECs are required to provide the same type of price data for physical collocation functions as for virtual collocation functions and the charts on which they are required to submit these data are uniform for these two services. Accordingly, the instructions for completing these charts are also uniform. Given this uniformity, we refer to "collocation functions" rather than to "physical collocation functions" or "virtual collocation functions" in the instructions for completing these charts.

67. In column A on chart V, for each collocation function identified at the top of the page on chart V, LECs must provide the same information that they provide in column A on chart III and IV for the same function.<sup>10</sup> In addition to including in column A on chart V the same information that is in column A on chart III and IV, LECs that develop nonrecurring rates that recover nonrecurring direct labor costs per hour, other than the labor cost per hour in column D or F on chart III, must identify the nonrecurring rate elements associated with these nonrecurring rates, by name, in column A on chart V. LECs must list the names of the nonrecurring rate elements associated with the nonrecurring rates that recover these other direct labor costs below the rate elements that they identify in and bring forward from column A on chart III or IV. For example, if a LEC requires an interconnector to pay for the costs of a security escort when an interconnector enters the central office to make repairs to its equipment in a physical collocation node located within that office, LECs must identify, by name, in column A on chart V, for the active security function, the nonrecurring rate element associated with the nonrecurring rate that recovers the direct labor cost per hour for that escort service.

68. In column FF on chart V, for each collocation function, LECs must indicate the total annual recurring direct unit cost associated with each investment item identified below each recurring rate element in column A on chart V. LECs must calculate this direct cost by adding the annual unit recurring direct unit expenses in columns X, Y, Z, AA, BB, CC, DD, and EE on chart IV for each investment item identified below each recurring rate element in column A on chart V.

69. On rows 7, 15, and 23 in column FF on chart V, for each collocation function, LECs must indicate separately the total annual recurring direct unit cost for each recurring rate element identified in column A on chart V. LECs must calculate this amount by adding the total annual recurring direct unit costs in column FF on chart V for the investment items identified under each recurring rate element in column A on chart V.

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<sup>10</sup> See para. 18 *supra*.

70. In column GG on chart V, for each collocation function, LECs must indicate the total monthly recurring direct unit cost associated with each investment item identified below each recurring rate element in column A on chart V. LECs must calculate this direct cost by dividing 12 into the total annual recurring direct unit cost in column FF on chart V for each investment item identified below each recurring rate element in column A on chart V.

71. On rows 7, 15, and 23 in column GG on chart V, for each collocation function, LECs must indicate separately the total monthly recurring direct unit cost for each recurring rate element identified in column A on chart V. LECs must calculate this amount by adding the total monthly recurring direct unit costs in column GG on chart V for the investment items identified under each recurring rate element in column A on chart V.

72. In column HH on chart V, for each collocation function, LECs must indicate the allocated amount of the monthly recurring rate per unit that recovers the total monthly recurring direct unit cost associated with each investment item identified below each recurring rate element in column A on chart V. LECs must calculate this allocated amount by multiplying the total annual recurring direct unit cost in column FF on chart V associated with each investment item identified below each recurring rate element in column A on chart V by the corresponding overhead factor reflected in the rate that recovers this direct unit cost.

73. On rows 7, 15, and 23 in column HH on chart V, for each collocation function, LECs must indicate separately the total allocated amount of the monthly recurring rate per unit for each recurring rate element identified in column A on chart IV. LECs must calculate this total allocated amount by adding the allocated amounts of the monthly recurring rate per unit in column HH on chart V for the investment items identified under each recurring rate element in column A on chart V.

74. On rows 25, 33, and 41 in column II on chart V, for each collocation function, LECs must indicate the nonrecurring direct labor cost per hour (other than the labor cost per hour in column D or F on chart III) associated with each nonrecurring rate element identified in column A on chart V for which LECs develop a rate that recovers this direct labor cost. If a LEC requires an interconnector to pay for the costs of a security escort when an interconnector enters the central office to make repairs to its equipment in the physical collocation node located within that central office, for example, LECs must indicate the nonrecurring direct labor cost per hour that is associated with that escort service on row 25, 33, or 41 in column II on chart V, for the active security function.

75. On rows 31, 39, and 47 in column II on chart V, for each collocation function, LECs must indicate the same amount as they indicate on rows 25, 33, and 41 in column II on chart V, respectively.

76. In column JJ on chart V, for each collocation function, LECs must indicate the total nonrecurring direct unit cost that is associated with either each investment item identified below each nonrecurring rate element in column A on chart V or with each nonrecurring rate element identified in column A on chart V insofar as the rate for the nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III. The total nonrecurring direct unit cost is either the precise amount that is indicated in column O on chart III for each investment item identified below each nonrecurring rate element in column A on chart V or the amount that is indicated in column II on chart V for each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III.<sup>11</sup>

77. On rows 31, 39, and 47 in column JJ on chart V, for each collocation function, LECs must indicate separately the total nonrecurring direct unit cost for each nonrecurring rate element identified in column A on chart V. This total is either the sum of the total nonrecurring direct unit costs in column JJ on chart V for the investment items identified under each nonrecurring rate element in column A on chart V or the amount that is indicated on rows 31, 39, and 47 in column II on chart V for each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III.

78. In column KK on chart V, for each collocation function, LECs must indicate the allocated amount of the nonrecurring rate per unit that recovers the total nonrecurring direct unit cost associated with either each investment item identified below each nonrecurring rate element in column A on chart V, or with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III. LECs must calculate this allocated amount by multiplying each of these total nonrecurring direct unit costs in column JJ on chart V by the corresponding overhead factor reflected in the rate that recovers these total nonrecurring direct unit costs.

79. On rows 31, 39, and 47 in column KK on chart V, for each collocation function, LECs must indicate separately the total allocated amount of the nonrecurring rate per unit for each nonrecurring rate element identified in column A on chart V. This total is either the sum of the allocated amounts of the nonrecurring rate per unit in column KK on chart V associated with the investment items identified under each nonrecurring rate element in column A on chart V or the allocated amount of the nonrecurring rate per unit that recovers the total nonrecurring direct unit cost associated with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III.

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<sup>11</sup> The chart is constructed so that there is no dollar amount in column O when there is a dollar amount in column II and there is no dollar amount in column II when there is a dollar amount in column O.

80. In column LL on chart V, for each collocation function, LECs must indicate the unit of measure by which each total monthly recurring direct unit cost in column GG on chart V and each total nonrecurring direct unit cost in column JJ on chart V is expressed. The unit of measure for each of these direct unit costs must correspond precisely to the unit of measure by which the rate for the rate element identified in column A on chart V that recovers these unit direct costs is expressed.

81. In column MM on chart V, for each DS1 collocation function, LECs must indicate the number of units of total installed unit capacity investment that are required to provide 100 DS1s through a single collocation arrangement. LECs must indicate these required number of units for each total installed unit capacity investment identified in column O on chart III for which total monthly recurring direct unit costs are identified in column GG on chart V or nonrecurring direct unit costs are identified in column JJ. For the DS1 DC power generation function for physical collocation service, LECs must assume that they will supply 40 amps of DC power for the interconnector's use. For the DS1 floor space function for physical collocation service, LECs must assume that the interconnector's space is 100 square feet. In column MM on chart V, for each DS1 collocation function, LECs must also indicate the number of units labor, other than the labor in column D or F on chart III, required to provide 100 DS1s. LECs must indicate these required number of units for each DS1 nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III.

82. In column MM on chart V, for each DS3 collocation function, LECs must indicate the number of units of total installed unit capacity investment that are required to provide four DS3s through a single collocation arrangement. LECs must indicate these required number of units for each total installed unit capacity investment identified in column O on chart III for which total monthly recurring direct unit costs are identified in column GG on chart V or nonrecurring direct unit costs are identified in column JJ. For the DS3 DC power generation function for physical collocation service, LECs must assume that they will supply 40 amps of DC power for the interconnector's use. For the DS3 floor space function for physical collocation service, LECs must assume that the interconnector's space is 100 square feet. In column MM on chart V, for each DS3 collocation function, LECs must also indicate the number of units labor, other than the labor in column D or F on chart III, required to provide four DS3s. LECs must indicate these required number of units for each DS3 nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III.

83. In column NN on chart V, for each collocation function, LECs must indicate the total monthly recurring direct cost associated with either each investment item identified below each recurring rate element in column A on chart V. For DS1 collocation functions, LECs must calculate this direct cost by multiplying each total monthly recurring direct unit cost in column GG on chart V by the number of units of total installed unit capacity



investment identified in column MM on chart V that are required to provide 100 DS1s. For DS3 collocation functions, LECs must calculate this direct cost by multiplying each total monthly recurring direct unit cost in column GG on chart V by the number of units of total installed unit capacity investment identified in column MM on chart V that are required to provide four DS3s.

84. On rows 7, 15, and 23 in column NN on chart V, for each collocation function, LECs must indicate separately the total monthly recurring direct cost for each recurring rate element identified in column A on chart V. LECs must calculate this amount by adding the total monthly recurring direct costs in column NN on chart V for the investment items identified under each recurring rate element in column A on chart V.

85. In column OO on chart V, for each collocation function, LECs must indicate the total nonrecurring direct cost associated with either each investment item identified below each nonrecurring rate element in column A on chart V or with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III. For DS1 collocation functions, LECs must calculate this direct cost by multiplying each total nonrecurring direct unit cost in column JJ on chart V by the number of units of total installed unit capacity investment identified in column MM on chart V, or the number of units labor (other than the labor in column D or F on chart III) identified in column MM on chart V, required to provide 100 DS1s. For DS3 collocation functions, LECs must calculate this direct cost by multiplying each total nonrecurring direct unit cost in column JJ on chart V by the number of units of total installed unit capacity investment identified in column MM on chart V, or the number of units labor (other than the labor in column D or F on chart III) identified in column MM on chart V required to provide four DS3s.

86. On rows 31, 39, and 47 in column OO on chart V, for each collocation function, LECs must indicate the total nonrecurring direct cost separately for each nonrecurring rate element identified in column A on chart V. This amount is equal to either the sum of the total nonrecurring direct costs in column OO on chart V for the investment items identified under each recurring rate element in column A on chart V or the precise amount on rows 25, 33, or 41 in column OO on chart V, respectively, for direct labor costs (other than the labor in column D or F on chart III) associated with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers these direct labor costs.

87. In column PP on chart V, for each collocation function, LECs must indicate the monthly amortized amount of each total nonrecurring direct cost in column OO on chart V. LECs must amortize these total nonrecurring direct costs over a 60 month period at an 11.25 percent rate of interest.

88. On rows 31, 39, and 47 in column PP on chart V, for each collocation function, LECs must indicate separately the total monthly amortized amount of the total

nonrecurring direct cost for each nonrecurring rate element identified in column A on chart V. LECs must calculate this amount by adding the monthly amortized amounts of either the total nonrecurring direct costs in column PP on chart V for the investment items identified under each nonrecurring rate element in column A on chart V or the total nonrecurring direct costs in column PP on chart V for direct labor (other than the labor in column D or F on chart III) associated with each nonrecurring rate element identified in column A on chart V.

89. In column QQ on chart V, for each collocation function, LECs must indicate the total monthly direct cost that is associated with either each investment item identified below each recurring or nonrecurring rate element in column A on chart V or with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III. This total monthly direct cost is the precise amount of either the total monthly recurring direct cost in column NN on chart V that is associated with each investment item identified below each recurring rate element in column A on chart V or the monthly amortized amount reflected in column PP on chart V for each total nonrecurring direct cost in column OO on chart V.

90. On rows 7, 15, 23, 31, 39, and 47 in column QQ on chart V, for each collocation function, LECs must indicate separately the total monthly direct cost for each recurring and nonrecurring rate element identified in column A on chart V. For each recurring and nonrecurring rate element, LECs must calculate this amount by adding the total monthly direct costs in column QQ on chart V associated with either each investment item identified below each recurring or nonrecurring rate element in column A on chart V or with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III.

91. In column RR on chart V, for each collocation function, LECs must indicate the allocated amount of the total monthly recurring charge associated with each investment item identified below each recurring rate element in column A on chart V. For DS1 collocation functions, LECs must calculate this charge by multiplying the allocated amount of each monthly recurring rate per unit in column HH on chart V by the number of units of total installed unit capacity investment identified in column MM on chart V that are required to provide 100 DS1s. For DS3 collocation functions, LECs must calculate this charge by multiplying the allocated amount of each nonrecurring rate per unit in column KK on chart V by the number of units of total installed unit capacity investment identified in column MM on chart V that are required to provide four DS3s.

92. On rows 7, 15, and 23 in column RR on chart V, for each collocation function, LECs must indicate separately the total allocated amount of the allocated total monthly recurring charge for each recurring rate element identified in column A on chart V. LECs must calculate this amount by adding the allocated amounts of the allocated total

monthly recurring charge in column RR on chart V for the investment items identified under each recurring rate element in column A on chart V.

93. In column SS on chart V, for each collocation function, LECs must indicate the allocated amount of the total nonrecurring charge that is associated with either each investment item identified below each nonrecurring rate element in column A on chart V or with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III. For DS1 collocation functions, LECs must calculate this charge by multiplying the allocated amount of each nonrecurring rate per unit in column KK on chart V by the number of units of total installed unit capacity investment identified in column MM on chart V or the number of units labor (other than the labor in column D or F on chart III) required to provide 100 DS1s. For DS3 collocation functions, LECs must calculate this charge by multiplying the allocated amount of each nonrecurring rate per unit in column KK on chart V by the number of units of total installed unit capacity investment identified in column MM on chart V or the number of units labor identified in column MM on chart V required to provide four DS3s.

94. On rows 31, 39, and 47 in column SS on chart V, for each collocation function, LECs must indicate separately the total allocated amount of the total nonrecurring charge for each nonrecurring rate element identified in column A on chart V. This total is either the sum of the allocated amounts of the total nonrecurring charges in column SS on chart V for the investment items identified under each nonrecurring rate element in column A on chart V or the allocated amount of the total nonrecurring charge that recovers the total nonrecurring direct unit cost associated with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III.

95. In column TT on chart V, for each collocation function, LECs must indicate the monthly amortized amount of each allocated total nonrecurring charge in column SS on chart V. LECs must amortize these allocated total nonrecurring charges over a 60 month period at an 11.25 percent rate of interest.

96. On rows 31, 39, and 47 in column TT on chart V, for each collocation function, LECs must indicate separately the total monthly amortized amount of the allocated total nonrecurring charge for each nonrecurring rate element identified in column A on chart V. LECs must calculate this amount by adding the monthly amortized amounts of either the allocated amounts of the total nonrecurring charges in column TT on chart V for the investment items identified under each nonrecurring rate element in column A on chart V or the allocated amounts of the total nonrecurring charges in column PP on chart V for direct labor (other than the labor in column D or F on chart III) associated with each nonrecurring rate element identified in column A on chart V.

97. In column UU on chart V, for each collocation function, LECs must indicate the allocated amount of the total monthly charge that is associated with either each investment item identified below each recurring or nonrecurring rate element in column A on chart V or with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III. This allocated amount of the total monthly charge is the precise amount of either the allocated amount of the total monthly recurring charge in column RR on chart V that is associated with each investment item identified below each recurring rate element in column A on chart V or the monthly amortized amount in column TT on chart V of each allocated total nonrecurring charge in column SS on chart V.

98. On rows 7, 15, 23, 31, 39, and 47 in column UU on chart V, for each collocation function, LECs must indicate separately the allocated amount of the total monthly charge for each recurring and nonrecurring rate element identified in column A on chart V. For each recurring and nonrecurring rate element, LECs must calculate this amount by adding the allocated amounts of the total monthly charges in column UU on chart V associated with either each investment item identified below each recurring or nonrecurring rate element in column A on chart V or with each nonrecurring rate element identified in column A on chart V insofar as the rate for each nonrecurring rate element recovers direct labor costs other than the labor costs in column D or F on chart III.

99. On row 48 in column QQ on chart V, for each collocation function, LECs must indicate the total monthly direct cost. For each DS1 function, this is the total monthly direct cost for each such function, assuming 100 DS1s are provided. For each DS3 function, this is the total monthly direct cost for each such function, assuming that four DS3s are provided. LECs must calculate this direct cost for each function by adding the total monthly direct costs on rows 7, 15, 23, 31, 39, and 47 in column QQ on chart V for each rate element identified in column A on chart V.

100. On row 48 in column UU on chart V, for each collocation function, LECs must indicate the allocated amount of the total monthly charge. For each DS1 function, this is the allocated amount of the total monthly charge each such function, assuming that 100 DS1s are provided. For each DS3 function, this is the allocated amount of the total monthly charge for each such function, assuming that four DS3s are provided. LECs must calculate this charge for each function by summing the allocated amounts of the total monthly charges on rows 7, 15, 23, 31, 39, and 47 in column UU on chart V for each rate element identified in column A on chart V.

101. On row 49 in column QQ on chart V,<sup>12</sup> LECs must indicate the grand total or the overall monthly direct cost for collocation service. For DS1 collocation service, this

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<sup>12</sup> More precisely, row 49 in column QQ on chart V is located on page six below the data on the technician training function for virtual collocation and below the data on the active security function for physical collocation.

grand total is the overall monthly direct cost to provide 100 DS1s. For DS3 collocation service, this grand total is the overall monthly direct cost to provide four DS3s. LECs must calculate this overall direct cost by summing the total monthly direct costs on row 48 in column QQ on chart V for *all functions* identified at the top of *every page six* on chart V.

102. On row 49 in column UU on chart V,<sup>13</sup> LECs must indicate the grand total or the overall monthly charge for collocation service. For DS1 collocation service, this is the overall monthly charge to provide 100 DS1s. For DS3 collocation service, this is the overall monthly charge to provide four DS3s. LECs must calculate this overall charge by summing the allocated amounts of the total monthly charges on row 48 in column UU on chart V for *all functions* identified at the top of *every page six* on chart V.

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<sup>13</sup> More precisely, row 49 in column UU on chart V is located on page six below the data on the technician training function for virtual collocation and below the data on the active security function for physical collocation.

**APPENDIX B**

**TARIFF REVIEW PLAN  
FOR  
PHYSICAL EXPANDED INTERCONNECTION SERVICE**

### I. Physical Collocation Direct Costs Allocated into Functions

[illegible]

## II. Physical Collocation Rates Allocated into Functions

[illegible]



### III. Physical Collocation Investment DS1 Entrance Facility Installation Function

	A	B	C	D	E	F	G	H
	Rate Elements/Investment Items	Unit Investment	Installation Hours	Installation Direct Cost Per Hour	Engineering Hours	Engineering Direct Cost Per Hour	Installed Unit Investment (B + (C*D) + (E*F))	Unit Capacity
1	<b>Recurring Rate Element 1</b>							
2	Item A							
3	Item B							
4	Item C							
5	Item D							
6	Item E							
7	<b>Total</b>	--	--	--	--	--	--	--
8								
9	<b>Recurring Rate Element 2</b>							
10	Item A							
11	Item B							
12	Item C							
13	Item D							
14	Item E							
15	<b>Total</b>	--	--	--	--	--	--	--
16								
17	<b>Recurring Rate Element 3</b>							
18	Item A							
19	Item B							
20	Item C							
21	Item D							
22	Item E							
23	<b>Total</b>	--	--	--	--	--	--	--
24								
25	<b>Nonrecurring Rate Element 1</b>							
26	Item A							
27	Item B							
28	Item C							
29	Item D							
30	Item E							
31	<b>Total</b>	--	--	--	--	--	--	--
32								
33	<b>Nonrecurring Rate Element 2</b>							
34	Item A							
35	Item B							
36	Item C							
37	Item D							
38	Item E							
39	<b>Total</b>	--	--	--	--	--	--	--
40								
41	<b>Nonrecurring Rate Element 3</b>							
42	Item A							
43	Item B							
44	Item C							
45	Item D							
46	Item E							
47	<b>Total</b>	--	--	--	--	--	--	--

### III. Physical Collocation Investment DS1 Entrance Facility Installation Function

	A	I	J	K	L	M	N	O
	Rate Elements/Investment Items	Fill Factor (% Utilization)	Unit Capacity Investment (B/H/I)	Installation Per Unit (C*D/H/I)	Engineering Per Unit (E*F/H/I)	Installed Unit Capacity Investment (G/H/I)	Required No. of Items Per Unit	Total Installed Unit Cap Investment (M*N)
1	<b>Recurring Rate Element 1</b>							
2	Item A							
3	Item B							
4	Item C							
5	Item D							
6	Item E							
7	<b>Total</b>	--					--	
8								
9	<b>Recurring Rate Element 2</b>							
10	Item A							
11	Item B							
12	Item C							
13	Item D							
14	Item E							
15	<b>Total</b>	--					--	
16								
17	<b>Recurring Rate Element 3</b>							
18	Item A							
19	Item B							
20	Item C							
21	Item D							
22	Item E							
23	<b>Total</b>	--					--	
24								
25	<b>Nonrecurring Rate Element 1</b>							
26	Item A							
27	Item B							
28	Item C							
29	Item D							
30	Item E							
31	<b>Total</b>	--					--	
32								
33	<b>Nonrecurring Rate Element 2</b>							
34	Item A							
35	Item B							
36	Item C							
37	Item D							
38	Item E							
39	<b>Total</b>	--					--	
40								
41	<b>Nonrecurring Rate Element 3</b>							
42	Item A							
43	Item B							
44	Item C							
45	Item D							
46	Item E							
47	<b>Total</b>	--					--	

## IV. Physical Collocation Direct Costs DS1 Entrance Facility Installation Function

	A	P	Q	R	S	T	U	V	W
	Rate Elements/Investment Items	Depreciation ACF	Cost of Money ACF	FIT ACF	SLIT ACF	Other Tax ACF	Maintenance ACF	Administrative ACF	Other ACF
1	<b>Recurring Rate Element 1</b>								
2	Item A								
3	Item B								
4	Item C								
5	Item D								
6	Item E								
7	<b>Total</b>								
8									
9	<b>Recurring Rate Element 2</b>								
10	Item A								
11	Item B								
12	Item C								
13	Item D								
14	Item E								
15	<b>Total</b>								
16									
17	<b>Recurring Rate Element 3</b>								
18	Item A								
19	Item B								
20	Item C								
21	Item D								
22	Item E								
23	<b>Total</b>								
24									
25	<b>Nonrecurring Rate Element 1</b>								
26	Item A								
27	Item B								
28	Item C								
29	Item D								
30	Item E								
31	<b>Total</b>								
32									
33	<b>Nonrecurring Rate Element 2</b>								
34	Item A								
35	Item B								
36	Item C								
37	Item D								
38	Item E								
39	<b>Total</b>								
40									
41	<b>Nonrecurring Rate Element 3</b>								
42	Item A								
43	Item B								
44	Item C								
45	Item D								
46	Item E								
47	<b>Total</b>								

# **IV. Physical Collocation Direct Costs** **DS1 Entrance Facility Installation Function**

	A	X	Y	Z	AA	BB	CC	DD	EE
	Rate Elements/Investment Items	Depreciation Expense (O*P)	Dollar Cost of Money (O*Q)	FIT Expense (O*R)	SLIT Expense (O*S)	Other Tax Expense (O*T)	Maintenance Expense (O*U)	Administrative Expense (O*V)	Other Expense (O*W)
1	<b>Recurring Rate Element 1</b>								
2	Item A								
3	Item B								
4	Item C								
5	Item D								
6	Item E								
7	<b>Total</b>								
8									
9	<b>Recurring Rate Element 2</b>								
10	Item A								
11	Item B								
12	Item C								
13	Item D								
14	Item E								
15	<b>Total</b>								
16									
17	<b>Recurring Rate Element 3</b>								
18	Item A								
19	Item B								
20	Item C								
21	Item D								
22	Item E								
23	<b>Total</b>								
24									
25	<b>Nonrecurring Rate Element 1</b>	--	--	--	--	--	--	--	--
26	Item A	--	--	--	--	--	--	--	--
27	Item B	--	--	--	--	--	--	--	--
28	Item C	--	--	--	--	--	--	--	--
29	Item D	--	--	--	--	--	--	--	--
30	Item E	--	--	--	--	--	--	--	--
31	<b>Total</b>	--	--	--	--	--	--	--	--
32									
33	<b>Nonrecurring Rate Element 2</b>	--	--	--	--	--	--	--	--
34	Item A	--	--	--	--	--	--	--	--
35	Item B	--	--	--	--	--	--	--	--
36	Item C	--	--	--	--	--	--	--	--
37	Item D	--	--	--	--	--	--	--	--
38	Item E	--	--	--	--	--	--	--	--
39	<b>Total</b>	--	--	--	--	--	--	--	--
40									
41	<b>Nonrecurring Rate Element 3</b>	--	--	--	--	--	--	--	--
42	Item A	--	--	--	--	--	--	--	--
43	Item B	--	--	--	--	--	--	--	--
44	Item C	--	--	--	--	--	--	--	--
45	Item D	--	--	--	--	--	--	--	--
46	Item E	--	--	--	--	--	--	--	--
47	<b>Total</b>	--	--	--	--	--	--	--	--

## V. Physical Collocation Price Out

### DS1 Entrance Facility Installation Function

	A	FF	GG	HH	II	JJ	KK	LL	MM
	Rate Elements/Investment Items	Total Annual Recurring Direct Unit Cost (Sum X+Y...+EE)	Total Monthly Recurring Direct Unit Cost (FF/12)	Monthly Recurring Rate Per Unit	Nonrecurring Hrly Direct Labor Cost Other Than In D or F	Total Nonrecurring Direct Unit Cost (O or II)	Nonrecurring Rate Per Unit	Unit Of Measure	Units Required Per 100 DS1s
1	<b>Recurring Rate Element 1</b>								
2	Item A				--	--	--		
3	Item B				--	--	--		
4	Item C				--	--	--		
5	Item D				--	--	--		
6	Item E				--	--	--		
7	<b>Total</b>				--	--	--	--	--
8									
9	<b>Recurring Rate Element 2</b>				--	--	--		
10	Item A				--	--	--		
11	Item B				--	--	--		
12	Item C				--	--	--		
13	Item D				--	--	--		
14	Item E				--	--	--		
15	<b>Total</b>				--	--	--	--	--
16									
17	<b>Recurring Rate Element 3</b>				--	--	--		
18	Item A				--	--	--		
19	Item B				--	--	--		
20	Item C				--	--	--		
21	Item D				--	--	--		
22	Item E				--	--	--		
23	<b>Total</b>				--	--	--	--	--
24									
25	<b>Nonrecurring Rate Element 1</b>	--	--	--					
26	Item A	--	--	--	--				
27	Item B	--	--	--	--				
28	Item C	--	--	--	--				
29	Item D	--	--	--	--				
30	Item E	--	--	--	--				
31	<b>Total</b>	--	--	--				--	--
32									
33	<b>Nonrecurring Rate Element 2</b>	--	--	--					
34	Item A	--	--	--	--				
35	Item B	--	--	--	--				
36	Item C	--	--	--	--				
37	Item D	--	--	--	--				
38	Item E	--	--	--	--				
39	<b>Total</b>	--	--	--				--	--
40									
41	<b>Nonrecurring Rate Element 3</b>	--	--	--					
42	Item A	--	--	--	--				
43	Item B	--	--	--	--				
44	Item C	--	--	--	--				
45	Item D	--	--	--	--				
46	Item E	--	--	--	--				
47	<b>Total</b>	--	--	--				--	--

## V. Physical Collocation Price Out DS1 Entrance Facility Installation Function

A	NN Total Monthly Recurring Direct Cost (GG*MM)	OO Total Nonrecurring Direct Cost (JJ*MM)	PP Amortized Nonrecurring Direct Cost	QQ Total Monthly Direct Cost (NN or PP)	RR Total Monthly Recurring Charge (HH*MM)	SS Total Nonrecurring Charge (KK*MM)	TT Amortized Nonrecurring Charge	UU Total Monthly Charge (RR or TT)
<b>1 Recurring Rate Element 1</b>								
2 Item A		--	--			--	--	
3 Item B		--	--			--	--	
4 Item C		--	--			--	--	
5 Item D		--	--			--	--	
6 Item E		--	--			--	--	
7 <b>Total</b>		--	--			--	--	
8								
<b>9 Recurring Rate Element 2</b>								
10 Item A		--	--			--	--	
11 Item B		--	--			--	--	
12 Item C		--	--			--	--	
13 Item D		--	--			--	--	
14 Item E		--	--			--	--	
15 <b>Total</b>		--	--			--	--	
16								
<b>17 Recurring Rate Element 3</b>								
18 Item A		--	--			--	--	
19 Item B		--	--			--	--	
20 Item C		--	--			--	--	
21 Item D		--	--			--	--	
22 Item E		--	--			--	--	
23 <b>Total</b>		--	--			--	--	
24								
<b>25 Nonrecurring Rate Element 1</b>	--				--			
26 Item A	--				--			
27 Item B	--				--			
28 Item C	--				--			
29 Item D	--				--			
30 Item E	--				--			
31 <b>Total</b>	--				--			
32								
<b>33 Nonrecurring Rate Element 2</b>	--				--			
34 Item A	--				--			
35 Item B	--				--			
36 Item C	--				--			
37 Item D	--				--			
38 Item E	--				--			
39 <b>Total</b>	--				--			
40								
<b>41 Nonrecurring Rate Element 3</b>	--				--			
42 Item A	--				--			
43 Item B	--				--			
44 Item C	--				--			
45 Item D	--				--			
46 Item E	--				--			
47 <b>Total</b>	--				--			
<b>48 Total Monthly Direct Cost Per 100 DS1s</b>				<b>48 Total Monthly Charge Per 100 DS1s</b>				

### III. Physical Collocation Investment DS1 Security Active Function

	A	B	C	D	E	F	G	H
	Rate Elements/Investment Items	Unit Investment	Installation Hours	Installation Direct Cost Per Hour	Engineering Hours	Engineering Direct Cost Per Hour	Installed Unit Investment (B + (C*D) + (E*F))	Unit Capacity
1	<b>Recurring Rate Element 1</b>							
2	Item A							
3	Item B							
4	Item C							
5	Item D							
6	Item E							
7	<b>Total</b>	--	--	--	--	--	--	--
8								
9	<b>Recurring Rate Element 2</b>							
10	Item A							
11	Item B							
12	Item C							
13	Item D							
14	Item E							
15	<b>Total</b>	--	--	--	--	--	--	--
16								
17	<b>Recurring Rate Element 3</b>							
18	Item A							
19	Item B							
20	Item C							
21	Item D							
22	Item E							
23	<b>Total</b>	--	--	--	--	--	--	--
24								
25	<b>Nonrecurring Rate Element 1</b>							
26	Item A							
27	Item B							
28	Item C							
29	Item D							
30	Item E							
31	<b>Total</b>	--	--	--	--	--	--	--
32								
33	<b>Nonrecurring Rate Element 2</b>							
34	Item A							
35	Item B							
36	Item C							
37	Item D							
38	Item E							
39	<b>Total</b>	--	--	--	--	--	--	--
40								
41	<b>Nonrecurring Rate Element 3</b>							
42	Item A							
43	Item B							
44	Item C							
45	Item D							
46	Item E							
47	<b>Total</b>	--	--	--	--	--	--	--

### III. Physical Collocation Investment DS1 Security Active Function

	A	I	J	K	L	M	N	O
	Rate Elements/Investment Items	Fill Factor (% Utilization)	Unit Capacity Investment (B/H/I)	Installation Per Unit (C*D/H/I)	Engineering Per Unit (E*F/H/I)	Installed Unit Capacity Investment (G/H/I)	Required No. of Items Per Unit	Total Installed Unit Cap Investment (M*N)
1	<b>Recurring Rate Element 1</b>							
2	Item A							
3	Item B							
4	Item C							
5	Item D							
6	Item E							
7	<b>Total</b>	--					--	
8								
9	<b>Recurring Rate Element 2</b>							
10	Item A							
11	Item B							
12	Item C							
13	Item D							
14	Item E							
15	<b>Total</b>	--					--	
16								
17	<b>Recurring Rate Element 3</b>							
18	Item A							
19	Item B							
20	Item C							
21	Item D							
22	Item E							
23	<b>Total</b>	--					--	
24								
25	<b>Nonrecurring Rate Element 1</b>							
26	Item A							
27	Item B							
28	Item C							
29	Item D							
30	Item E							
31	<b>Total</b>	--					--	
32								
33	<b>Nonrecurring Rate Element 2</b>							
34	Item A							
35	Item B							
36	Item C							
37	Item D							
38	Item E							
39	<b>Total</b>	--					--	
40								
41	<b>Nonrecurring Rate Element 3</b>							
42	Item A							
43	Item B							
44	Item C							
45	Item D							
46	Item E							
47	<b>Total</b>	--					--	



# IV. Physical Collocation Direct Costs DS1 Security Active Function

	A	P	Q	R	S	T	U	V	W
	Rate Elements/Investment Items	Depreciation ACF	Cost of Money ACF	FIT ACF	SLIT ACF	Other Tax ACF	Maintenance ACF	Administrative ACF	Other ACF
1	<b>Recurring Rate Element 1</b>								
2	Item A								
3	Item B								
4	Item C								
5	Item D								
6	Item E								
7	<b>Total</b>	--	--	--	--	--	--	--	--
8									
9	<b>Recurring Rate Element 2</b>								
10	Item A								
11	Item B								
12	Item C								
13	Item D								
14	Item E								
15	<b>Total</b>	--	--	--	--	--	--	--	--
16									
17	<b>Recurring Rate Element 3</b>								
18	Item A								
19	Item B								
20	Item C								
21	Item D								
22	Item E								
23	<b>Total</b>	--	--	--	--	--	--	--	--
24									
25	<b>Nonrecurring Rate Element 1</b>	--	--	--	--	--	--	--	--
26	Item A	--	--	--	--	--	--	--	--
27	Item B	--	--	--	--	--	--	--	--
28	Item C	--	--	--	--	--	--	--	--
29	Item D	--	--	--	--	--	--	--	--
30	Item E	--	--	--	--	--	--	--	--
31	<b>Total</b>	--	--	--	--	--	--	--	--
32									
33	<b>Nonrecurring Rate Element 2</b>	--	--	--	--	--	--	--	--
34	Item A	--	--	--	--	--	--	--	--
35	Item B	--	--	--	--	--	--	--	--
36	Item C	--	--	--	--	--	--	--	--
37	Item D	--	--	--	--	--	--	--	--
38	Item E	--	--	--	--	--	--	--	--
39	<b>Total</b>	--	--	--	--	--	--	--	--
40									
41	<b>Nonrecurring Rate Element 3</b>	--	--	--	--	--	--	--	--
42	Item A	--	--	--	--	--	--	--	--
43	Item B	--	--	--	--	--	--	--	--
44	Item C	--	--	--	--	--	--	--	--
45	Item D	--	--	--	--	--	--	--	--
46	Item E	--	--	--	--	--	--	--	--
47	<b>Total</b>	--	--	--	--	--	--	--	--